# NOTICE OF DRAFTPERSON'S PATENT DRAWING REVIEW

Black int. Color.  Color drawing are not acceptable until petition is granted. Fig. 60) PHOTOGRAPIS. 37 CFR 1.84(f) Photographs are not acceptable until petition is granted. 3 full-tone sets are required. 3 full-tone sets are required. Fig. 60) Photographs and properly mounted (must hystob board or photographs and properly mounted (must hystob board and hystob or photographs and properly mounted (must hystob board or photographs and properly mounted (must hystob board and hystob or photographs and properly mounted (must hystob board and hystob or photographs and hystob or photographs and hystob or photographs	DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:	7, SECTIONAL VIEWS. 37 CFR 1.84(h)(3)
Fig. (a) Proof and one black ink is not permitted. Fig(s) Protographs are not acceptable until petition is granted, 3 full-tone ses are required. Fig(s) Protographs not properly mounted (must brystol board or photographic double-weight paper). Fig(s) Protographs not properly mounted (must brystol board or photographic double-weight paper). Fig(s) Protographs not properly mounted (must brystol board or photographic double-weight paper). Fig(s) Proper pages. 37 CFR 1.84(c) Paper not flexible, strong, white and dumble. Fig (s) Prassures, alternations, overwrinings, interlineations, folds, copy machine marks not acceptable (too thin). Mylar, veltum paper is not acceptable (too thin). Fig(s) SIZE OF PAPER. 37 CFR 1.84(p): Acceptable sizes: 2.10 cm by 39.7 cm (DN size A4) 2.1.6 cm by 27.9 cm (8 I/2 x 11 inches) All drawings sheets not the same size. Specifical of the same size. Specification may require revision to correspond to drawing changes. Views connected by projection lines or lead lines. Fig. (a) Practise specification may require revision to correspond to drawing changes. Views connected by projection lines or lead lines. Fig. (a) Practise specification may require revision to correspond to drawing changes. Views connected by projection lines or lead lines. Fig. (a) Practise specification may require revision to correspond to drawing changes. Views connected by projection lines or lead lines. Fig. (a) Provided the same distribution of the same direction as the view. 37 CFR 1.84(p) Fig. (a) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p) Fig. (a) Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p) Fig. (a) Numbers and reference characters not oriented in the same	Black ink. Color.	Hatching not indicated for sectional portions of an object.
Remail and ono black it his is not permitted Fig(s) PHOTOGRAPHS 37 CFR 1.84(i) Photographic see not exceptable until petition is granted, 3 full-time sets are required. Fig(s) Photographic double-weight paper). Fig(s) Propagation and properly mounted (must brystol board or photographic double-weight paper). Fig(s) Paper not flexible, strong, white and durable. Fig.(s) Paper not flexible, stron	Color drawing are not acceptable until petition is granted.	Fig.(s)
PROTOGRAPIS 37 CPR 1.84(a) Photographs are not acceptable until petition is granted, 3 full-tone sets are required. Fig(s) Photographs and properly mounted (must brysto) board or photographs and properly between the photographs and properly mounted (must brysto) board or photographs and properly or properly.  Fig.(a)  SCALE 37 CFR 1.84(b)  Scale not targe crough unshow mot hasmain without crowding when drawing is reduced in size to two-duints in reproduction.  Fig.(a)  SCALE 37 CFR 1.84(b)  Scale not targe crough unshow mot sperm on drawing sheet, Fig.(s)  Left (bry 1.84(b))  Scale not targe crough unshow mot sperm on drawing sheet, Fig.(s)  Left (bry 2.94 cm (gl 12.84(b))  Scale not targe crough unshow mot sperm on drawing sheet, Fig.(s)  Left (bry 2.94 cm (gl 12.84(b))  Scale not targe crough unshow mot sperm on drawing sheet, Fig.(s)  Left (bry 2.94 cm (gl 12.84(b))  Scale not targe crough unshow mot sperm on drawing sheet, Fig.(s)  Left (bry 3.94 cm (gl 12.84(b))  Scale not targe crough unshow mot sperm on drawing wind and bry 1.84(b)  Scale not targe crough unshow mot sper	Fig.(s)	Sectional designation should be noted with Arabic or
Photographs are not acceptable until petition is granted.  3 full-tone sets are required. Fig(s)  Photographs and properly mounted (must brystol board or photographs and properly before or properly.  Fig.(s)  July 18 (Section 18 part of properly and properly before or properly before or photographs and properly before or properly before or photograph and properly before or properly.  Fig.(s)  July 25 (Fig. 18 (App.) 27 (Fig. 18 (App.) 28 (App.) 29 (A		- · ·
3 full-one sets are required. Fig(s) Photographic and properly mounted (must brystal) board or photographic double-weigh paper, Fig(s) Poor quality (half-tone), Fig(s) Proper not flexible, strong, white and durable. Fig.(s) Prayer not flexible, strong, white and durable. Fig.(s) Frastures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (not thin) Mylar, velturn paper is not acceptable (not thin) Mylar, velturn paper is not acceptable (not thin) Mylar, velturn paper is not acceptable (not thin) Fig.(s) SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes: 21.6 cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (BIN 2.1 li inches) All drawings shorts not the same size. Sheet(s) MARGINS. 37 CFR 1.84(F): Acceptable margins: Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: B12x Limburg and Left A4 Size Thy 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: B12x Limburg and Left A4 Size Thy 2.5 cm Left 2.5 cm Right		** *
photographic double-weight paper). Fig(s) Poor quality (half-tone). Fig(s) Poor quality (half-tone). Fig(s) Poor quality (half-tone). Fig(s) Paper not flexible, strong, white and durable. Fig.(s) Fi		Words do not appear on a horizontal, left-to-right fashion when
photographic double-weight paper). Fig(s)  Poor quality (half-tone). Fig(s)  Scale not large enough to show mechansim without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s)  Size of PAPER. 37 CFR 1.84(F). Acceptable (too thin). Fig(s)  21.0 cm by 23.7 cm (DIN size A4)  21.0 cm by 23.7 cm (DIN size A4)  21.0 cm by 23.9 cm (B1 2x 11 inches)  All drawings sheets not the same size.  Short(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 25 cm Left 25 cm Right 1.5 cm Bottom 1.0 cm SIZE; 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (7)  Left (L)  Right (R)  Bottom (B)  Views connected by projection lines or lead lines.  Fig (s)  Views connected by projection lines or lead lines.  Fig (s)  Views not abelied separately or properly.  Fig (s)  Enlarged view not labeled separately or properly.  Fig (s)  Enlarged view not labeled separately or properly.  Fig (s)  Sold black standing not used for color contrast.  Fig (s)  Sold black standing not operuinted. Fig (s)  Numbers, laters and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig (s)  Numbers, laters and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig (s)  Numbers, laters and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig (s)  Numbers, laters and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig (s)  Numbers, laters and reference characters not oriented in the same direction as the view. 37 CFR 1.		
Poor quality (half-tone). Fig(s)  TYPE OF PAPER. 37 CFR 1.84(e)  Paper not flexible, strong, white and durable.  Fig.(s)  Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin)  Mylar, veltum paper is not acceptable (too thin).  Fig(s)  SIZE OF PAPER. 37 CFR 1.84(F). Acceptable sizes:  2.1.0 cm by 23.7 cm (DN) sizé. A4)  2.1.6 cm by 23.7 cm (R 1/2 x 11 inches)  All drawings sheets not the same size.  Spect(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Left (L)  Right (R)  Bottom (B)  Views CFR 1.84(b)  ReMINDER: Specification may require revision to correspond to drawing changes.  Views connected by projection lines or lead lines.  Fig.(s)  Brackets needed to show figure as one entity.  Fig.(s)  Lead lines missing. Fig.(s)  Lead lines cross each other. Fig.(s)  Lead lines cross each other. Fig.(s)  Lead lines missing. Fig.(s)  15. NUMBERING OF VIEWS. 37 CFR 1.84(p) 3 Fig.(s)  Lead lines missing. Fig.(s)  Lead lines missing. Fig.(s)  Lead lines cross each other. Fig.(s)  Views not tabeled separately or properly.  Fig.(s)  Scale not large enough to show mechansim without crowdring when drawing is size to two-thirds in reproduction.  Fig.(s)  10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)  Lines, numbers eleters not uniformly thick and well deflored. clean, durable and black (poor tine quality).  Fig.(s)  Solid black states pale. Fig.(s)  Solid black states pale. Fig.(s)  Solid black states pale. Fig.(s)  Numbers and reference characters and black (poor tine quality).  Fig.(s)  Views con Left 25 cm Right 1.5 cm Bottom 1.0 cm SIZE: 44 Size  Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  English alphabet not used. 37 CFR 1.84(p)(3) Fig.(s)  Solid black states pale. Fig.(s)  Numbers, letters and reference characters must be at least 32 cm (18 inch) in bright 37 CFR 1.84(p)(3	•	
Scale not targe enough to show mechansim without crowding when drawing is reduced in size to two-thirds in reproduction. Fig.(s)  Ersorres, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (noo thin) Mylar, volum paper is not acceptable (noo thin). Fig.(s)  SIZE OF PAPER. 37 CFR 1.84(F). Acceptable sizes.  21.16 cm by 27.9 cm (8 1/2 x 11 inches)  All drawings sheets not the same size.  Sheet(s)  MARGINS. 37 CFR 1.84(g). Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE; 44 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE; 41/2 x 11  Mangins not acceptable. Fig.(s)  Top (T) Left (L)  Right (R)  Bottom (B)  VIEWS. CFR 1.84(h)  Reaching Respond to drawing changes.  Views conceted by projection lines or lead lines.  Fig.(s)  Scale not targe enough to show mechansim without crowding when drawing is reduced in size to two-thirds in reproduction.  Fig.(s)  10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(h)  Lines, numbers & tenters not uniformly thick and well deflood, clean, durable and black (coor fine quality).  Fig.(s)  Solid black shading not permitted. Fig.(s)  Solid black shading not used. 37 CFR 1.84(p)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height, 37 CFR 1.84(p)(3) Fig.(s)  Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height, 37 CFR 1.84(p)(3) Fig.(s)  Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height, 37 CFR 1.84(p)(3) Fig.(s)  Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height, 37 CFR 1.84(p)(3) Fig.(s)  Numbers, letters of DRAWINGS. 37 CFR 1.84(p)  Numbers, letters of DRAWINGS. 37 CFR 1.84(p)  Lead lines ross each other. Fig.(s)  Lead lines ross		
Paper not flexible, strong, white and durable. Fig.(s) Ersures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin) Mylar, veltum paper is not acceptable (too thin) Fig(s) SIZE OF PAPER. 37 CFR 1.84(F). Acceptable sizes: 21.0 cm by 23.7 cm (DIN size A4) 21.6 cm by 23.9 cm (8 1/2 x 11 inches) All drawings sheets not the same size. Sheet(s) MARGINS. 37 CFR 1.84(g). Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A4 Size Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: B 1/2 x 11 Margins not acceptable. Fig(s) Top (T) Left (L) Right (R) Bottom (B) VIEWS. CFR 1.84(h) Solid black shading not used. 37 CFR 1.84(p)(3) Fig (s) Fig.(s) Views connected by projection lines or lead tines. Fig.(s) F	• •	
Fig.(s) Fig.(s		when drawing is reduced in size to two-thirds in reproduction.
Erasures, alterations, overwritings, interlineations, folds, copy machine marks not acceptable. (too thin)  Mylar, veltum paper is not acceptable (too thin).  Fig(s)  SIZE OF PAPER. 37 CFR 1.84(F). Acceptable sizes: 2.10. cm by 29.7 cm (DIN size A4) 21.6 cm by 29.7 cm (DIN size A4) 21.6 cm by 27.9 cm (8 1/2 x 11 inches)  All drawings sheets not the same size.  Sheet(s)  MARGINS. 37 CFR 18.4(g). Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE; 8 4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE; 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T) Left (L)  Right (R) Bottom (B)  VIEWS. CFR 1.84(g). 36(g) sign and blurred. Fig.(s)  Fig.(s)  Wiews connected by projection lines or lead lines. Fig.(s)  Partial views. 37 CFR 1.84(p)(2)  Brackets needed to show figure as one entity. Fig.(s)  Enlarged view not labeled separately or property. Fig.(s)  Enlarged view not labeled separately or property. Fig.(s)  Fig.(s)  Fig.(s)  COrrections not manbered consecutively, and in Abrabic numerals, beginning with number 1. Fig.(s)  Surface shading and used for color contrast. Fig.(s)  Solid black shading not used for color contrast. Fig.(s)  10. CHARACTER OF LINES. NUMBERS tetras not uniformly thick and well defloed, clean, durable and labeled defloed, clean, durable and labeled stepsing to get all acts. Fig.(s)  11. SHADING. 37 CFR 1.84(m)  Solid black shading not permitted. Fig.(s)  Shade lines, pale, rough and blurred. Fig.(s)  Shade lines, pale, rough and blurred. Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Fig.(s)  Numbers, Lettras. 8 REFERENCE CHARACTERS.  3.1 CFR 1.84(m)  Solid black shading not permitted. Fig.(s)  Numbers and reference characters not prince to get and legible.  Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Shade lines, pale. Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.	•	
folds, copy machine marks not acceptable. (too thin)  Mylar, veltum paper is not acceptable (too thin).  Fig(s)  SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes:  21.0 cm by 29.7 cm (DN size A4)  21.6 cm by 29.7 cm (DN size A4)  21.6 cm by 29.7 cm (B I/2 x 11 inches)  All drawings sheets not the same size.  Sheet(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 I 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 9 I 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 I 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 I 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 I 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 I 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 I 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 I 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: 8 I	Erasures, alterations, overwritings, interlineations,	
Mylar, veltum paper is not acceptable (too drin).  Fig(s)  SIZE OF PAPÉR. 37 CFR 1.84(F): Acceptable sizes:  21.0 cm by 29.7 cm (DIN size A4)  21.6 cm by 27.9 cm (8 1/2 x 11 inches)  All drawings sheers not the same size. Spect(s)  MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Left (L) Right (R) Bottom (B)  VIEWS. CFR 1.84(g)  Fig.(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity. Fig.(s)  Fig.(s)  Fig.(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity. Fig.(s)  Fig.(s)  Fig.(s)  Fig.(s)  Fig.(s)  Corrections on unmbered consecutively, and in Abrabic numerals, beginning with number 1. Fig.(s)  Corrections not made from PTO-948 dated  17. DESIGN DRAWINGS. 37 CFR 1.84(w)  Corrections not made from PTO-948 dated  17. DESIGN DRAWINGS. 37 CFR 1.85  Solid black shading not permitted. Fig.(s)  Solid black shading not permitted. Fig.(s)  Solid black shading not used. 37 CFR 1.84(w)  Solid black shading not used. 37 CFR 1.84(m)  Solid black shading not used. 37 CFR 1.84(p)  Solid black shading not used. 37 CFR 1.84(p)(3) Fig.(s)  Lead lines cross each orbit. Fig.(s)  Lead lines cross each orbit. Fig.(s)  Solid black shading not used. 37 CFR 1.84(w)  Views not labeled separately or properly.  Fig.(s)  Corrections not made from PTO-948 dated  17. DESIGN DRAWINGS. 37 CFR 1.52  Solid black shading not used for color contrast.  Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)		Lines, numbers & letters not uniformly thick and well defloed,
Fig.(s)  SIZE OF PAPER. 37 CFR 1.84(F): Acceptable sizes:  21.0 cm by 29.7 cm (DIN size A4)  21.6 cm by 29.7 cm (DIN size A4)  21.6 cm by 27.9 cm (8 1/2 x 11 inches)  All drawings sheets not the same size.  Sheet(s)  MARGINS. 37 CFR 18.4(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: A1 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: B 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Left (L)  Right (R)  Bottom (B)  Views CrR 1.84(h)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Views connected by projection lines or lead lines.  Fig.(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig.(s)  Lead lines missing. Fig.(s)  Lead lines missing. Fig.(s)  13. LEAD LINES. 37 CFR 1.84(p)  Sheets not numbered consecutively, and in Ababic numerals beginning with number 1. Fig.(s)  Leading with number 1. Fig.(s)  Solid black steading not permitted. Fig.(s)  Lead lines spale, rough and blurred. Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Lead lines missing. Fig.(s)  Lead lines missing. Fig.(s)  Lead lines missing. Fig.(s)  Lead lines missing. Fig.(s)  Sheets not numbered consecutively, and in Ababic numerals beginning with number 1. Fig.(s)  Leading with number 1. Fig.(s)  Sheets not numbered consecutively, and in Ababic numerals, beginning with number 1. Fig.(s)  Sheets not numbered consecutively, and in Ababic numerals, beginning with number 1. Fig.(s)  Solid black shading not used for color contrast. Fig.(s)  Solid black shading not used for color contrast. Fig.(s)	Mylar, vellum paper is not acceptable (too thin).	clean, durable and black (poor line quality).
21.0 cm by 29.7 cm (DIN size A4)  21.6 cm by 27.9 cm (8   I2 x 11 inches)  All drawings sheets not the same size.  Sheet(s)  MARGINS. 37 CFR 18.4(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE; 8172 x 11  Margins not acceptable. Fig(s)  Top (T)  Right (R)  Bottom (B)  Views Cornected by projection lines or lead lines.  Fig.(s)  Partial views. 37 CFR 1.84(p)(2)  Brackets needed to show figure as one entity.  Fig.(s)  Partial views. 37 CFR 1.84(p)(2)  Partial views. 37 CFR 1.84(p)(2)  Fig.(s)  Views not labeled separately or property.  Fig.(s)  Lead lines cross each other. Fig.(s)  Views not labeled separately or property.  Fig.(s)  Ealarged view not labeled separately or property.  Fig.(s)  Corrections not made from PTO-948 dated  17. DESIGN DRAWINGS. 37 CFR 1.84(u)  Corrections not made from pTO-948 dated  17. DESIGN DRAWINGS. 37 CFR 1.84(c)  Solid black shading not used for color contrast.  Fig.(s)  Solid black shading not permitted. Fig.(s)  Solid black shading not used blurred. Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)		
21.6 cm by 27.9 cm (8 1/2 x 11 inches)  All drawings sheets not the same size.  Sheet(s)  MARGINS. 37 CFR 18.4(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE; A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE; 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Left (L)  Right (R)  Bottom (B)  VIEWS. CFR 1.84(p)  Views connected by projection lines or lead lines.  Fig.(s)  Wiews connected by projection lines or lead lines.  Fig.(s)  Wiews not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Solid black shading not permitted. Fig.(s)  Shade lines, pale, rough and blurred. Fig.(s)  12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.  37 CFR 1.48(p)  Numbers and reference characters not plain and legible.  Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s)  Numbers, letters and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Numbers, letters and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Numbers and reference characters not oriented in the same direc	and the second s	11. SHADING. 37 CFR 1.84(m)
Shade lines, pale, rough and blurred. Fig.(s)  MARGINS. 37 CFR 1.8.4(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE; A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE; B 1/2 x 11  Margins not acceptable. Fig.(s)  Top (T) Left (L)  Right (R)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  VIEWS. CFR 1.84(h)  REMINDERS, Etters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig.(s)  Views not labeled separately or property.  Fig.(s)  Enlarged view not labeled separately or property.  Fig.(s)  Enlarged view not labeled separately or property.  Fig.(s)  Enlarged view not labeled separately or property.  Fig.(s)  Sufface shading shown not appropriate. Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)  Solid black shading not used for color contrast.		
Shade lines, pale, rough and blurred. Fig.(s)  Shect(s)  MARGINS. 37 CFR 18.4(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE; A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE; B 1/2 x 11  Margins not acceptable. Fig(s)  Top (T)  Left (L)  Right (R)  Bottom (B)  VIEWS. CFR 1.84(b)  REMINDERS. Specification may require revision to correspond to drawing changes  Views connected by projection lines or lead lines.  Fig.(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig.(s)  Lead lines massing. Fig.(s)  Lead lines cross each other. Fig.(s)  Lead lines cross each other. Fig.(s)  13. LEAD LINES. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig.(s)  Lead lines cross each other. Fig.(s)  14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t)  Sheets not numbered consecutively, and in Ababic numerals, beginning with number 1. Fig.(s)  Line of the property of the property.  Fig.(s)  Lead lines may be at least on the lead lines are lead lines.  Lead lines cross each other. Fig.(s)  Sheets not numbered consecutively, and in Ababic numerals, beginning with number 1. Fig.(s)  Line of the property of the property.  Fig.(s)  Line of the property of the property.  Fig.(s)  Lead lines may be at least other.  Streng fig.(s)  Sheets not numbered consecutively, and in Ababic numerals, beginning with number 1. Fig.(s)  Line of the property of the property.  Fig.(s)  Sufface shading shown not appropriate. Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)  Solid black shading not used for color contrast.	•	Solid black shading not permitted. Fig.(s)
37.CFR 18.4(g): Acceptable margins:  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: A Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: § 1/2 x 11  Margins not acceptable. Fig(s)  Top (T) Left (L)  Right (R) Bottom (B)  5. VIEWS. CFR 1.84(b)  REMINDER: Specification may require revision to correspond to drawing changes.  Views connected by projection lines or lead lines.  Fig.(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig.(s)  Views not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Surface shading shown not appropriate. Fig.(s)  Surface shading shown not appropriate. Fig.(s)  Surface shading shown not appropriate. Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)  Size of 1.84(a)  Numbers and reference characters not plain and legible.  Fig.(s)  Figure legends are poor. Fig.(s)  Fig.(s)  Numbers and reference characters not plain and legible.  Fig.(s)  Figure legends are poor. Fig.(s)  Fig.(s)  Numbers and reference characters not plain and legible.  Fig.(s)  Numbers and reference characters not plain and legible.  Fig.(s)  Figure legends are poor. Fig.(s)  Figure legends are poor. Fig.(s)  Fig.(s)  Numbers and reference characters not plain and legible.  Fig.(s)  Numbers and reference characters not plain and legible.  Fig.(s)  Numbers and reference characters not plain and legible.  Fig.(s)  Numbers and reference characters not plain and legible.  Fig.(s)  Numbers and reference characters not plain and legible.  Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Numbers and reference characters not oriented in the same direction and reference characters not oriented in the same direction and reference characters not oriented in the same direction and reference characters not oriented in the same direction and reference characters not oriented in the same direction and reference characters not oriented in the s	All drawings sheets not the same size.	
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE; A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE; A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE; B 1/2 x 11  Margins not acceptable. Fig(s)  Top (T) Left (L)  Right (R) Bottom (B)  5. VIEWS. CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes.  Views connected by projection lines or lead lines.  Fig.(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig.(s)  Views not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)		12. NUMBERS, LETTERS, & REFERENCE CHARACTERS.
SIZE: A4 Size  Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm  SIZE: g 1/2 x 11  Margins not acceptable. Fig(s)  Top (T) Left (L)  Right (R) Bottom (B)  5. VIEWS. CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes.  Views connected by projection lines or lead lines.  Fig.(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig.(s)  Views not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)  SIZE: 8 1/2 x 11  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Segligh alphabet not used. 37 CFR 1.84(p)(3) Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)  Solid black shading not used for color contrast.		
Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm SIZE: 8 1/2 x 11  Margins not acceptable. Fig(s)  Top (T) Left (L)  Right (R) Bottom (B)  VIEWS. CFR 1.84(p)(3) Fig.(s)  PREMINDER: Specification may require revision to correspond to drawing changes.  Views connected by projection lines or lead lines.  Fig.(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig.(s)  Views not labeled separately or properly.  Fig.(s)  Fig.(s)  Views not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)  SIZE: 8 1/2 x 11  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  SIZE: 8 1/2 x 11  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  SIZE: 8 1/2 x 11  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  SIZE: 8 1/2 x 11  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  SIZE: 8 1/2 x 11  Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(3) Fig.(s)  SIZE: 8 1/2 x 11  S		ryumbers and reference characters not plain and legible.
Margins not acceptable. Fig(s)  Top (T) Left (L)  Right (R) Bottom (B)  Numbers, letters and reference characters must be at least and reference characters must be at least 37 CFR 1.84(p)(3) Fig.(s)  Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s)  Views CFR 1.84(h)  REMINDER: Specification may require revision to correspond to drawing changes.  Views connected by projection lines or lead lines.  Fig.(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig.(s)  Views not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Seginning with number 1. Fig.(s)  Views not numbered consecutively, and in Abrabic numerals, beginning with number 1. Fig.(s)  Seginning with number 1. Fig.(s)  Corrections not made from PTO-948 dated  17 DESIGN DRAWINGS. 37 CFR 1.84(w)  Solid black shading not used for color contrast.  Fig.(s)  Solid black shading not used for color contrast.		
Top (T)Left (L)		
Top (T) Left (L) Right (R) Bottom (B)  Numbers, letters and reference characters must be at least Numbers. Specification may require revision to correspond to drawing changes. Views connected by projection lines or lead lines. Fig.(s) Partial views. 37 CFR 1.84(h)(2) Brackets needed to show figure as one entity. Fig.(s) Views not labeled separately or properly. Fig.(s) Enlarged view not labeled separately or properly. Fig.(s) Fig.(s) Security of properly. Fi	_	
Numbers, letters and reference characters must be at least  Numbers, letters and reference characters must be at least  32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3) Fig.(s)	Top (T) Left (L)	
5. VIEWS. CFR 1.84(h) REMINDER: Specification may require revision to correspond to drawing changes.  Views connected by projection lines or lead lines.  Fig.(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig.(s)  Views not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Seginning with number 1. Fig.(s)  Views not numbered consecutively, and in Abrabic numerals, beginning with number 1. Fig.(s)  Corrections not made from PTO-948 dated  17. DESIGN DRAWINGS. 37 CFR 1.452  Surface shading not used for color contrast.	Right (R) Bottom (B)	
correspond to drawing changes.  Views connected by projection lines or lead lines.  Fig.(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig.(s)  Views not labeled separately or properly.  Enlarged view not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Sheets not numbered consecutively, and in Ababic numerals beginning with number 1. Fig.(s)  Views not numbered consecutively, and in Abrabic numerals, beginning with number 1. Fig.(s)  15. NUMBERING OF VIEWS. 37 CFR 1.84(u)  Views not numbered consecutively, and in Abrabic numerals, beginning with number 1. Fig.(s)  16. CORRECTIONS. 37 CFR 1.84(w)  Corrections not made from PTO-948 dated  17. DESIGN DRAWINGS. 37 CFR 1.152  Surface shading shown not appropriate. Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)	i. VIEWS. CFR 1.84(b)	
Views connected by projection lines or lead lines.  Fig.(s)  Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig.(s)  Views not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Sheets not numbered consecutively, and in Ababic numerals beginning with number 1. Fig.(s)  Views not numbered consecutively, and in Ababic numerals, beginning with number 1. Fig.(s)  Corrections not numbered consecutively, and in Abrabic numerals, beginning with number 1. Fig.(s)  16. CORRECTIONS. 37 CFR 1.84(w)  Corrections not made from PTO-948 dated  17. DESIGN DRAWINGS. 37 CFR 1.152  Surface shading shown not appropriate. Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)		
Fig.(s) Lead lines missing. Fig.(s) 14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.48(t) Sheets not numbered consecutively, and in Ababic numerals beginning with number 1. Fig.(s) 15. NUMBERING OF VIEWS. 37 CFR 1.84(u) Views not labeled separately or properly.		Lead lines cross each other. Fig.(s)
Partial views. 37 CFR 1.84(h)(2)  Brackets needed to show figure as one entity.  Fig.(s)  Views not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Enlarged view not labeled separately or properly.  Fig.(s)  Sheets not numbered consecutively, and in Ababic numerals beginning with number 1. Fig.(s)  Views not numbered consecutively, and in Abrabic numerals, beginning with number 1. Fig.(s)  Corrections not made from PTO-948 dated  17. DESIGN DRAWINGS. 37 CFR 1.84(w)  Surface shading shown not appropriate. Fig.(s)  Solid black shading not used for color contrast.  Fig.(s)	<del></del> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Brackets needed to show figure as one entity.    Sheets not numbered consecutively, and in Ababic numerals	<b>D</b> ( , , , , , , , , , , , , , , , , , ,	
Fig.(s)   beginning with number 1. Fig.(s)	Brackets needed to show figure as one entity.	Sheets not numbered consecutively, and in Ababic numerals
Views not labeled separately or properly.  Fig.(s)	·	beginning with number 1. Fig.(s)
Fig.(s)	= .	15. NUMBERING OF VIEWS. 37 CFR 1.84(u)
Enlarged view not labeled separately or properly.    Fig.(s)		
Fig.(s) 16. CORRECTIONS. 37 CFR 1.84(w)  ———————————————————————————————————		beginning with number 1. Fig.(s)
Corrections not made from PTO-948 dated	–	16. CORRECTIONS, 37 CFR 1.84(w)
17. DESIGN DRAWINGS. 37 CFR 1.152 Surface shading shown not appropriate. Fig.(s) Solid black shading not used for color contrast.  Fig.(s)	<b>2</b> · ,	
Solid black shading not used for color contrast.  Fig.(s)		
Solid black shading not used for color contrast.  Fig.(s)		Surface shading shown not appropriate. Fig.(s)
Fig.(s)		
COMMENTS		
	COMMENTS	
DATE 5 2/98 TELEPHONE NO. (703) 305 - 940-4		G also a Night

#### REMINDER

Drawing changes may also require changes in the specification, e.g., if Fig. I is changed to Fig. IA, Fig. IB, Fig. IC, etc., the specification, at the Brief Description of the Drawings, must likewise be changed. Please make such changes by 37 CFR 1,312 Amendment at the time of submitting drawing changes.

### INFORMATION ON HOW TO EFFECT DRAWING CHANGES

#### 1. Correction of Informalities-37 CFR 1.85

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Review Branch.

#### 2. Timing of Corrections

Applicant is required to submit acceptable corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable correction resubmitted within the original three-month period to avoid the necessity of obtaining as extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in ABANDONMENT of the Application.

## 3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO 948

All changes to the drawings, other than informalities noted by the Drawing Review Branch, MUST be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.

### <u>ATTACHMENT TO AND MODIFICATION OF</u> <u>NOTICE OF ALLOWABILITY (PTO-37)</u>

(November, 2000)

NO EXTENSIONS OF TIME ARE PERMITTED TO FILE CORRECTED OR FORMAL DRAWINGS, OR A SUBSTITUTE OATH OR DECLARATION, notwithstanding any indication to the contrary in the attached Notice of Allowability (PTO-37).

If the following language appears on the attached Notice of Allowability, the portion lined through below is of no force and effect and is to be ignored.

A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" of this Office action. Failure to comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).

Similar language appearing in any attachments to the Notice of Allowability, such as in an Examiner's Amendment/Comment or in a Notice of Draftperson's Patent Drawing Review, PTO-948, is also to be ignored.

<sup>&</sup>lt;sup>1</sup> The language which is crossed out is contrary to amended 37 CFR 1.85(c) and 1.136. See "Changes to Implement the Patent Business Goals", 65 Fed. Reg. 54603, 54629, 54641, 54670, 54674 (September 8, 2000), 1238 Off. Gaz. Pat. Office 77, 99, 110, 135, 139 (September 19, 2000).